
OBIA – Oracle EBS

Integration



14 December 2016

1. Document Details

1.1. Revision History

Version	Date	Document Changes	Author
1.0	July 29, 2016	Initial version.	Ather Shaikh
2.0	24-Nov-2016	Final Version	Ather Shaikh
3.0	29-Nov-2016	Included BI security configuration details	Iñigo Hernáez

1.2. Approvals

Role	Name	Title	Signature	Date

2. Contents

1. DOCUMENT DETAILS	1
1.1. REVISION HISTORY	1
1.2. APPROVALS	1
2. CONTENTS	2
3. INTRODUCTION	3
REFERENCED DOCUMENTS	3
ASSUMPTIONS	3
4. EBS CONFIGURATION	4
4.1. EMBEDDING LINKS TO OBI IN ORACLE EBS	4
4.1.1. <i>Creating a Function</i>	4
4.1.2. <i>Creating the Menu</i>	5
4.1.3. <i>Assigning Menu to Responsibility</i>	6
4.1.4. <i>Setting up a Profile</i>	8
5. OBIEE CONFIGURATION CHANGES	9
5.1. UPDATING AUTHENTICATIONSCHEMAS.XML	9
▪ <i>Find the Cookie name</i>	10
▪ <i>Configure SchemaKeyVariable in authenticationschemas.xml</i>	10
5.2. UPDATING INSTANCECONFIG.XML	11
5.3. TO CONFIGURE MULTIPLE AUTHENTICATIONS	11
5.4. ENABLE SING SIN-ON IN ENTERPRISE MANAGER	11
5.5. UPDATE REPOSITORY	14

3. Introduction

Referenced Documents

ID	Name	Type	Location	Description
01				
02				
03				
04				
05				
06				

Assumptions

This document has been released considering the following assumptions:

ID	Assumption
01	
02	
03	

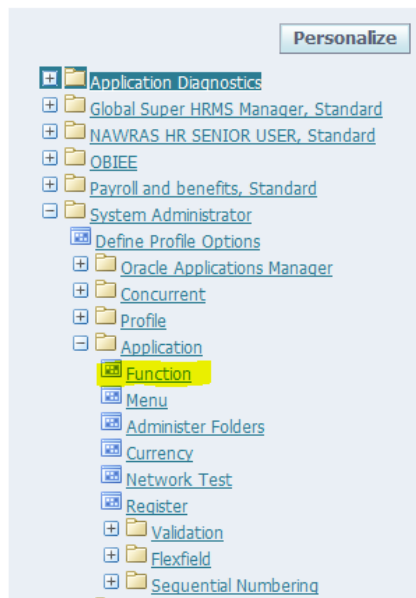
4. EBS Configuration

4.1. Embedding Links to OBI in Oracle EBS

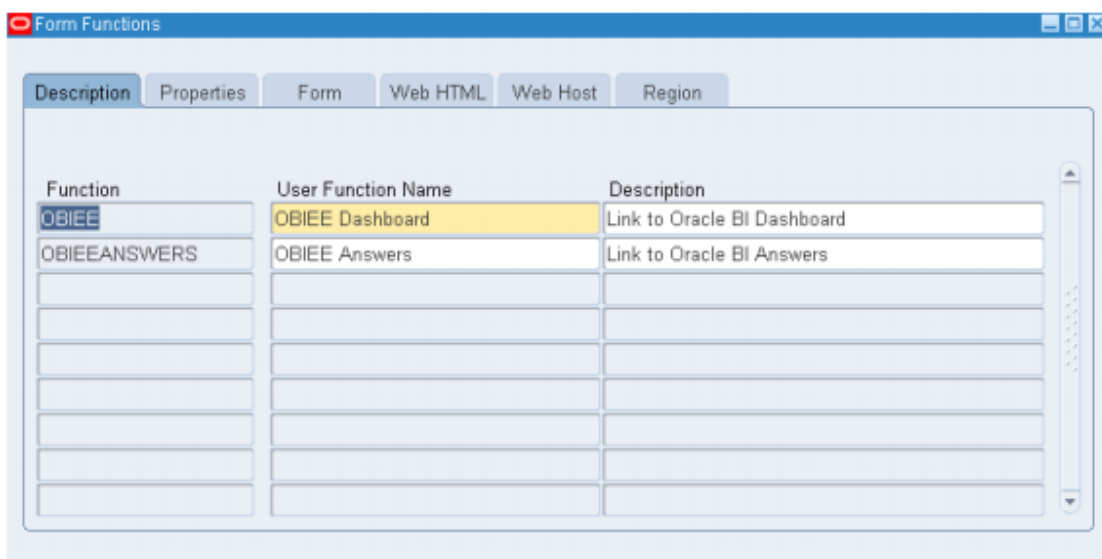
4.1.1. Creating a Function

- From the Application menu, select Function.

Oracle Applications Home Page



- The Form Function dialog appears. Fill the fields with below values (If doesn't exist),
- Only Create OBIEE Function. (not obiee answers)



- In the Tab Properties:
Specify the Type as SSWA jsp function

Function	Type	Maintenance Mode Support	Context Dependence
OBIEE	SSWA jsp func	None	Responsibility
OBIEEANSWERS	SSWA jsp func	None	Responsibility

- For the HTML Call, enter one of the following options:
 - To link to dashboards, enter OracleOasis.jsp?mode=OBIEE&function=Dashboard

Function	HTML Call	MDS Reference Path
OBIEE	OracleOasis.jsp?mode=OBIEE&function=Dashboard	
OBIEEANSWERS	OracleOasis.jsp?mode=OBIEE&function=Answers	

4.1.2. Creating the Menu

- From The Application menu, select Menu.

Oracle Applications Home Page

Personalize

- Application Diagnostics
- Global Super HRMS Manager, Standard
- NAWRAS HR SENIOR USER, Standard
- OBIEE
- Payroll and benefits, Standard
- System Administrator
 - Define Profile Options
 - Oracle Applications Manager
 - Concurrent
 - Profile
 - Application
 - Function
 - Menu
 - Administer Folders
 - Currency
 - Network Test
 - Register
 - Validation
 - Flexfield
 - Sequential Numbering

- Create the Menu “OBIEE” is it doesn’t exist.

Menu: OBIEE View Tree...

User Menu Name: OBIEE

Menu Type: Standard

Description:

Seq	Prompt	Submenu	Function	Description	Grant
1	OBIEE Dashboard		OBIEE Dashboard		<input checked="" type="checkbox"/>
2	OBIEE Answers		OBIEE Answers		<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

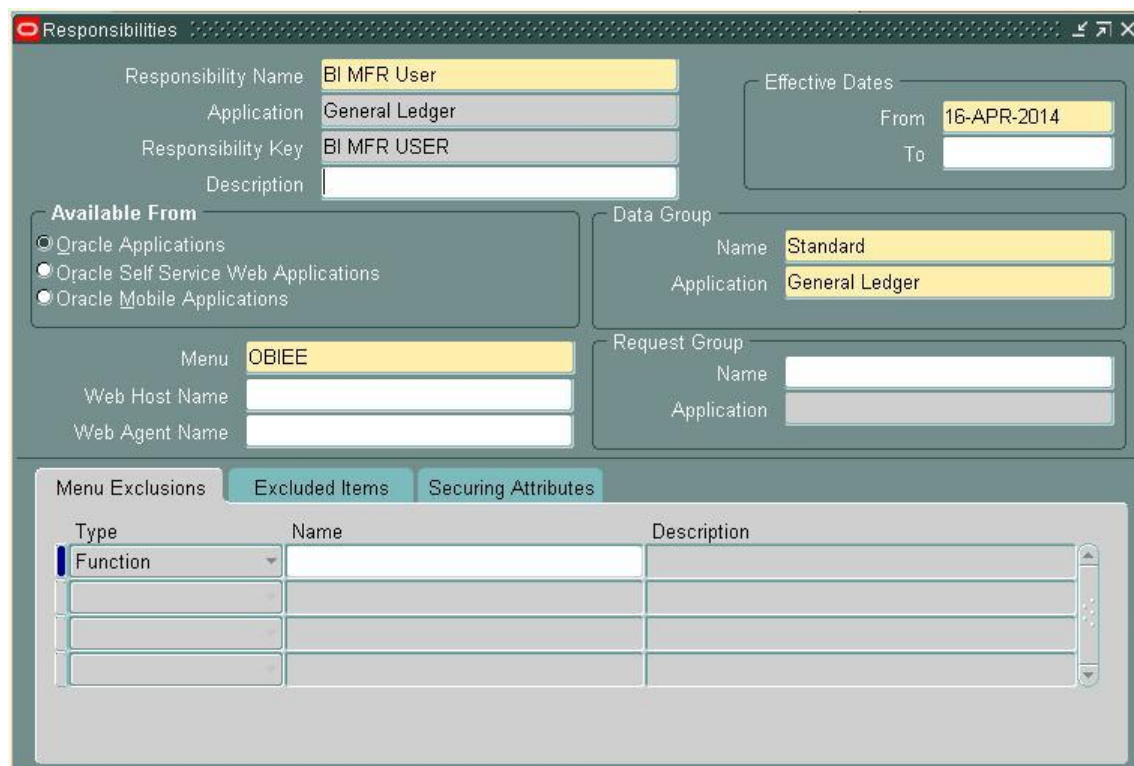
4.1.3. Assigning Menu to Responsibility

Create 2 new responsibilities as below

S.No.	Form Field	Value
1	Responsibility Name	OBIEE
2	Application	Human Resources
3	Responsibility Key	OBIEE
4	Description	OBIEE
5	Available Form	Oracle Application
6	Data Group – Name	Standard
7	Data Group – Application	Human Resources
8	Menu	OBIEE

Create another responsibility

S. No.	Form Field	Value
1	Responsibility Name	BI HRMS User
2	Application	Human Resources
3	Responsibility Key	BI HRMS User
4	Description	BI HRMS User
5	Available Form	Oracle Application
6	Data Group – Name	Standard
7	Data Group – Application	Human Resources
8	Menu	OBIEE



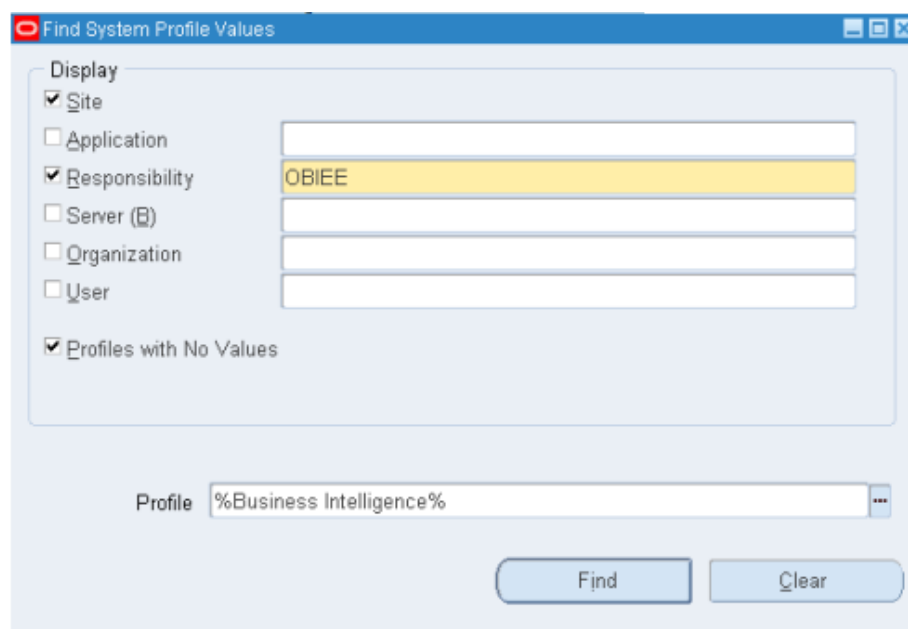
The screenshot shows the 'Responsibilities' window in Oracle EBS. The 'Responsibility Name' is 'BI MFR User', 'Application' is 'General Ledger', and 'Responsibility Key' is 'BI MFR USER'. The 'Effective Dates' are set from '16-APR-2014'. Under 'Available From', 'Oracle Applications' is selected. The 'Menu' is 'OBIEE'. The 'Data Group' is 'Standard' for 'General Ledger'. The 'Request Group' is empty. The 'Web Host Name' and 'Web Agent Name' are empty. The 'Menu Exclusions' tab is active, showing a table with columns 'Type', 'Name', and 'Description'. The 'Type' is set to 'Function'.

Type	Name	Description
Function		

- Save and close.

4.1.4. Setting up a Profile

- From the Profile Menu and then select System Profile
- Select Responsibility and then enter the name of the responsibility which you created earlier (OBIEE and BI HRMS User)
- Enter %Business Intelligence% in the Profile field



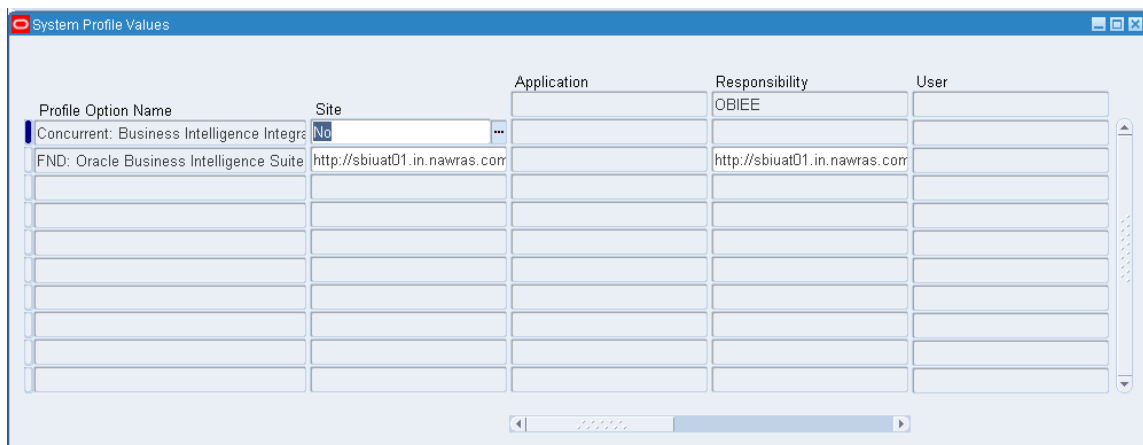
The screenshot shows the 'Find System Profile Values' window. Under the 'Display' section, 'Site', 'Responsibility', and 'Profiles with No Values' are checked. The 'Responsibility' field is set to 'OBIEE'. The 'Profile' field is set to '%Business Intelligence%'. The 'Find' and 'Clear' buttons are at the bottom.

- Click Find
- On the resulting screen, specify the Oracle Business Intelligence URL.

<http://dx-bittest-01.mbcgroup.local:9704> (UAT), or

<http://dx-biproddapp-01.mbcgroup.local:9502> (PROD)

Note: The BI URL should be the fully qualified hostname including the domain name. It shouldn't be an IP Address



- Save your changes using the save button on the toolbar

5. OBIEE Configuration Changes

5.1. Updating authenticationschemas.xml

- Open the file `authenticationschemas.xml` for editing. This file can be found at: /u02/app/BI_PROD/bi/bifoundation/web/display
- Find the following element in the file:
`<AuthenticationSchema name="EBS-ICX"`
- Locate the sub-element `RequestVariable source="cookie"` and change the value of the `nameInSource` attribute from `ICX_SESSION` to the name of the EBS ICX authentication cookie prefix. For example:

```
<RequestVariable source="cookie" type="auth" nameInSource="ERPUI"
biVariableName="NQ_SESSION.ICX_SESSION_COOKIE" />
```

Test Server: *ERPUI*

Production Server: *ERPPROD*

NOTE: Find the name of the cookie in the below step.

- Add the following variable as well

```
<RequestVariable source="constant" type="auth" nameInSource="ssi"
biVariableName="NQ_SESSION.SERVICEINSTANCEKEY" />
```

▪ Find the Cookie name

Follow these steps to find the cookie name:

- Log in to Oracle E-Business Suite.
- Enter the following text in the address bar of your browser:

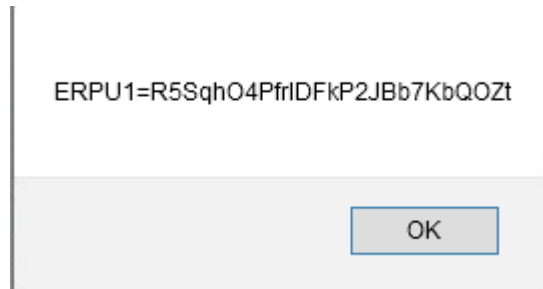
```
javascript:alert(document.cookie)
```

or

```
javascript:document.write(document.cookie)
```

The first one will open an alert box with the cookie names and values as a semicolon separated list of values, the second option will write the cookie names/values to the page allowing them to be copy/pasted into other applications

- The cookie is displayed. For example:



- The value you need to provide in `authenticationschemas.xml` is the prefix of the EBS ICX authentication cookie. In the previous example, the EBS ICX authentication cookie is `R5SqhO4PfrIDFkP2JBb7KbQOZt` and the prefix is `ERP1`.
- **Configure SchemaKeyVariable in `authenticationschemas.xml`**
 - In the same entry (`RequestVariable source="cookie"`), ensure that the value of the `biVariableName` attribute is the same as the value you entered as part of the connection script when you created the connection pool for the Oracle E-Business Suite database.
 - Find the following element:

```
<SchemaKeyVariable source="cookie"
```

Change the value of the nameInSource attribute from ICX_SESSION to the name of the EBS ICX authentication cookie prefix (often ERPU1). For example:

```
<SchemaKeyVariable source="cookie" nameInSource="ERPU1" forceValue="EBS-ICX"/>
```

- Save and close the file.

5.2. Updating instanceconfig.xml

- Open the file instanceconfig.xml for editing. This file can be found at:
/u02/app/BI_PROD/user_projects/domains/bi/config/fmwconfig/biconfig/OBIPS
- Find the following element in the file and add the highlighted value:

```
<Authentication>  
  <EnabledSchemas>  
    UidPwd, Impersonate, UidPwd-soap, Impersonate-soap, EBS-ICX  
  </EnabledSchemas>  
</Authentication>
```

5.3. To Configure Multiple Authentication

To configure multiple authentication providers so that when one fails, users from other authentication providers can still log in to Oracle Business Intelligence:

1. Open the file adapters.os_xml for editing.

file is located in:

- /u02/app/BI_PROD/user_projects/domains/bi/config/fmwconfig/ovd/default
2. Locate the following element in the file:

```
<critical>true</critical>
```

Change the value of the <critical> element to `false` in the adapters.os_xml file for each authenticator provider that is not critical, as follows:

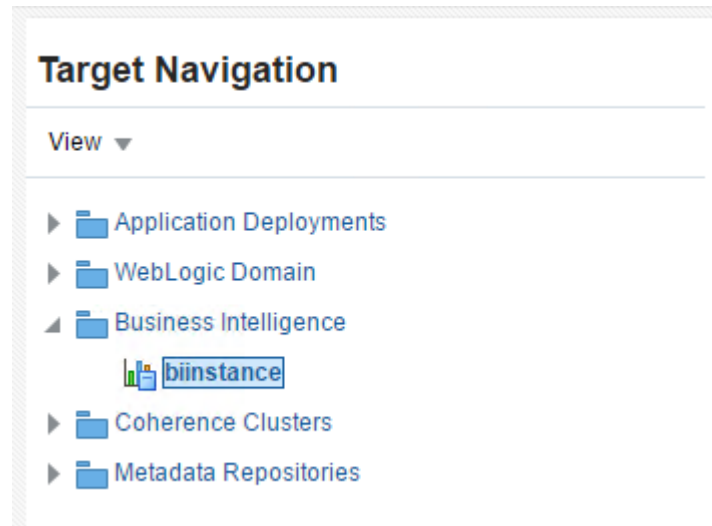
```
<critical>false</critical>
```

3. Save and close the file.
4. Restart WebLogic Administration Server and Managed Servers.

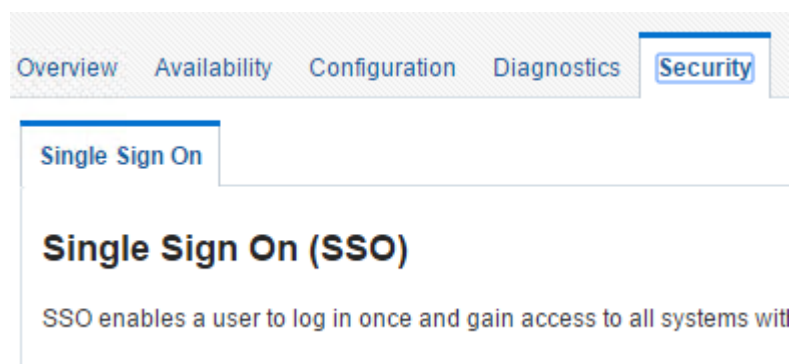
5.4. Enable Single Sign-on in Enterprise Manager

1. Login Enterprise Manager
<http://10.10.131.23:9500/em>
Enter Administrative Credentials

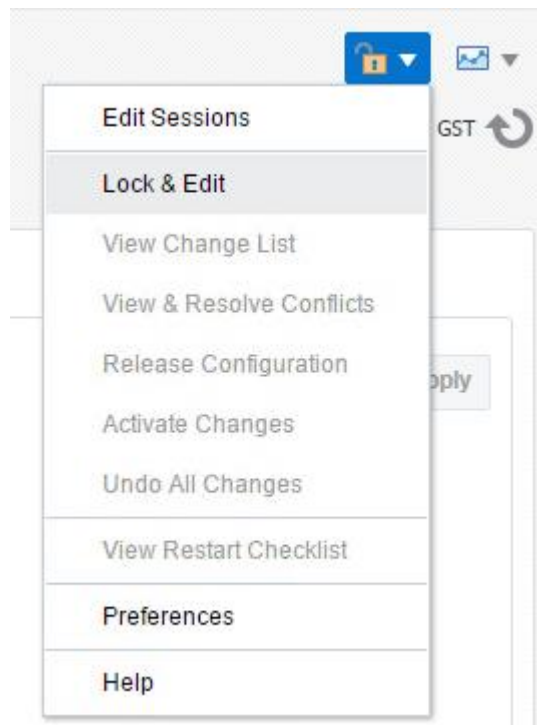
2. Go to Target Navigation and select Business Intelligence → biinstance



3. Click on Security Tab



4. Lock the Edit Mode



5. Enable SSO and give Logoff URL

Single Sign On

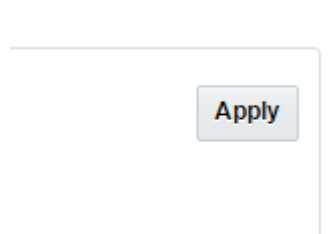
Single Sign On (SSO)

SSO enables a user to log in once and gain access to all systems without being prompted to log

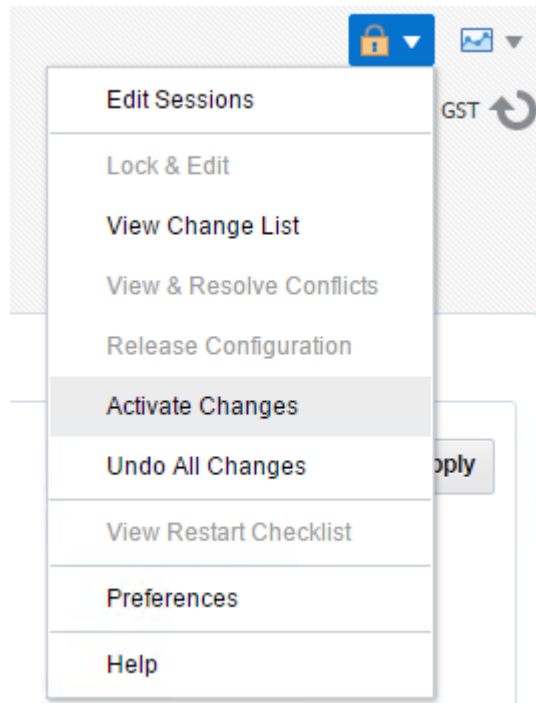
☒ Enable SSO

The SSO Provider Logoff URL

6. Click Apply button to apply the changes



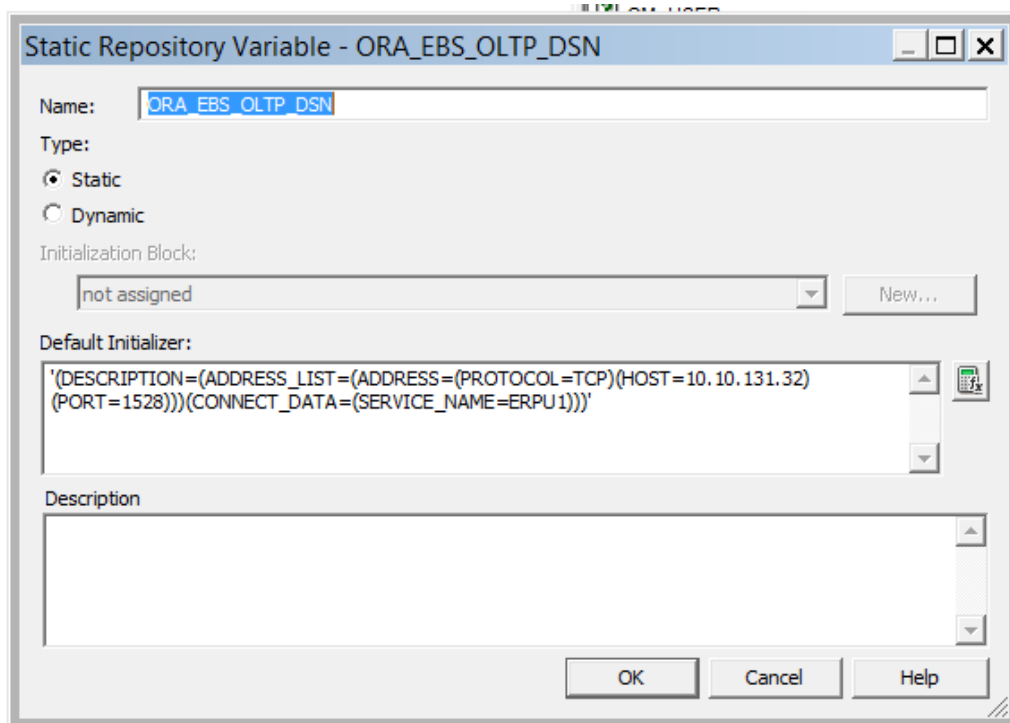
7. Activate Change from the Lock Menu



Changes will be applied and the Lock Edit Mode will be release automatically.

5.5. Update Repository

1. Update Static Variables for Oracle EBS DSN and Username



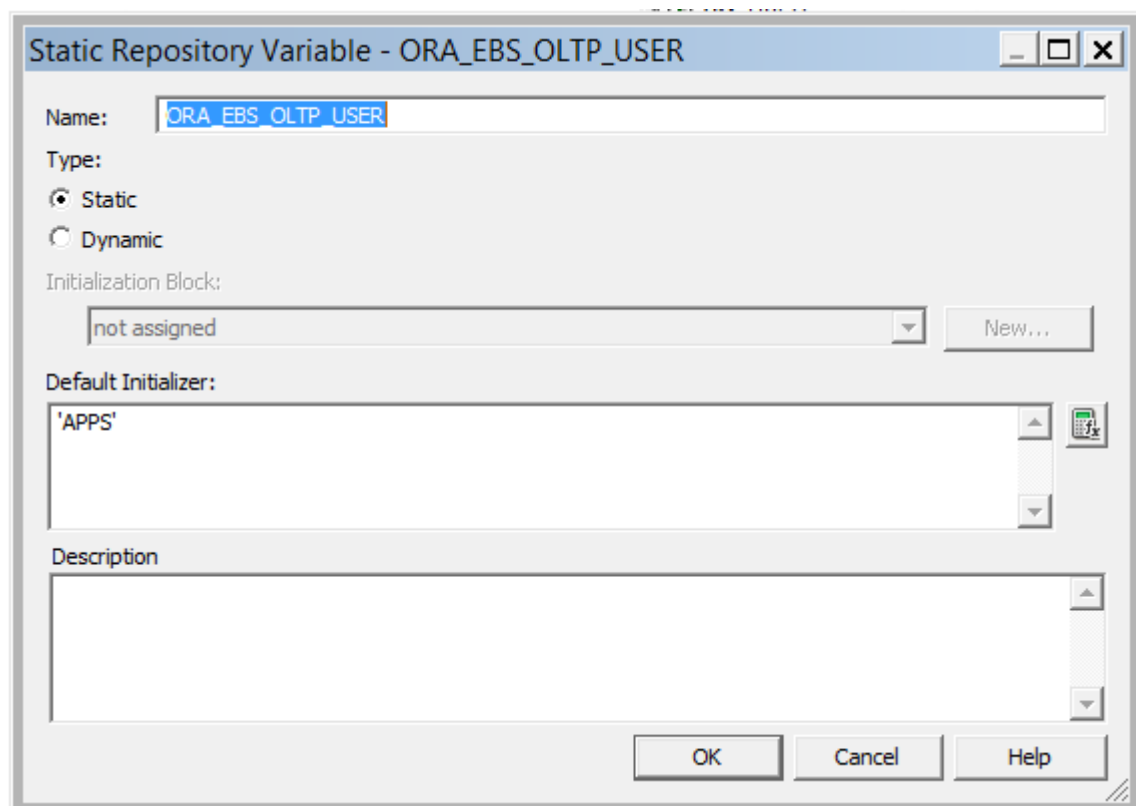
2. UAT Environment

```
'(DESCRIPTION=(ADDRESS_LIST=(ADDRESS=(PROTOCOL=TCP)(HOST=10.10.131.32)(PORT=1528)))(CONNECT_DATA=(SERVICE_NAME=ERPU1)))'
```

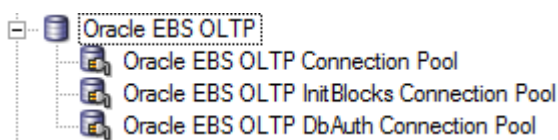
3. PROD Environment

```
'(DESCRIPTION=(ADDRESS_LIST=(ADDRESS=(PROTOCOL=TCP)(HOST=10.10.162.33)(PORT=1551)))(CONNECT_DATA=(SERVICE_NAME=ERPROD2)))'
```

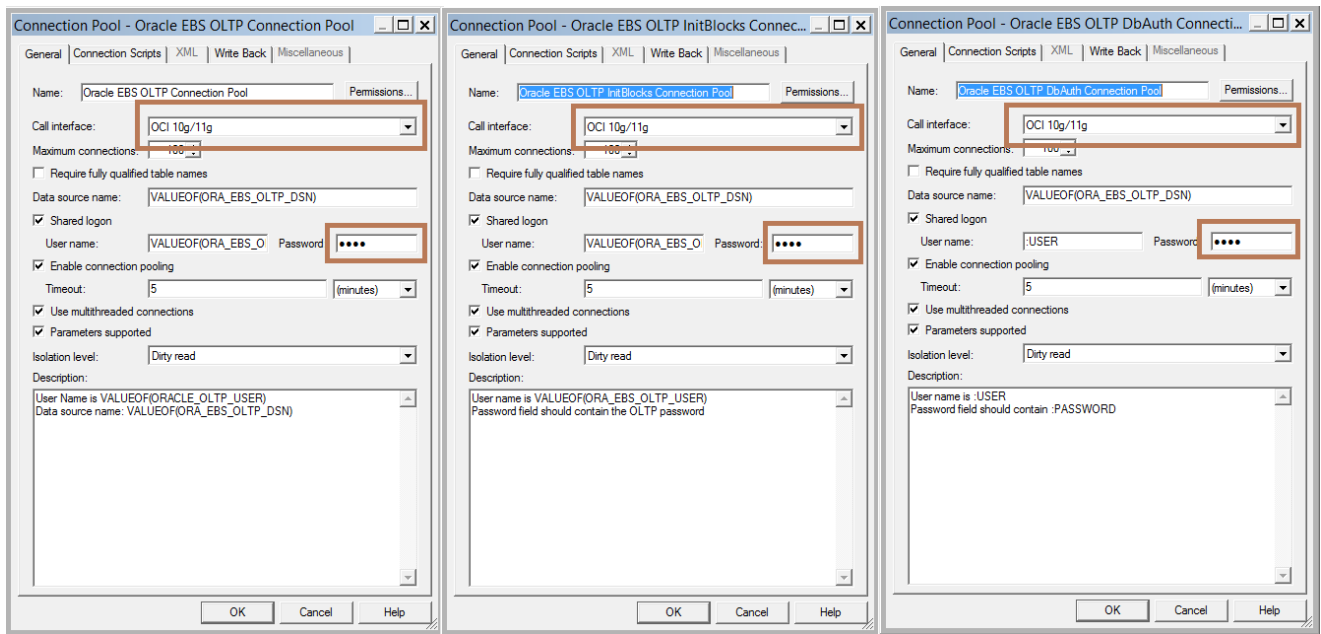
4. ORA_EBS_OLTP_USER = 'APPS'



5. Update Oracle Call Interface if it is not OCI10g/11g for all the following “Oracle EBS OLTP”



6. Update password for each connection pool for “Oracle EBS OLTP”



7. Test the Init Block (Only Testing purpose , do not save the below changes)

Pass the parameter cookie value

ERPU1=**rcu4aJff3ruaEyFesJkAbC1qnm**

From

call

`APP_SESSION.validate_icx_session('valueof(NQ_SESSION.ICX_SESSION_COOKIE)')`

To

call `APP_SESSION.validate_icx_session('rcu4aJff3ruaEyFesJkAbC1qnm')`

Click Test , it should give some results as following snapshot.

Session Variable Initialization Block - EBS Security Context

Name:

☐ Disabled ☐ Allow deferred execution

Data Source

Connection Pool: [Edit Data Source...](#)

Database: Oracle 11g (Initialization string inherited from Default Initiator)

```
select FND_GLOBAL.RESP_ID,  
FND_GLOBAL.RESP_APPL_ID,  
FND_GLOBAL.SECURITY_GROUP_ID,  
FND_GLOBAL.RESP_NAME,  
FND_GLOBAL.USER_ID,  
FND_GLOBAL.EMPLOYEE_ID,  
FND_GLOBAL.RESP_ID,  
FND_GLOBAL.RESP_APPL_ID,  
FND_GLOBAL.SECURITY_GROUP_ID,
```

Variable Target

Name	Default
OLTP_EBS_RESP_ID	'-1'
OLTP_EBS_RESP_APPL_ID	'-1'
OLTP_EBS_SEC_GROUP_ID	'-1'
OLTP_EBS_RESP_NAME	'-1'
OLTP_EBS_USER_ID	'-1'
OLTP_EBS_EMPLOYEE_ID	'-1'
EBS_RESP_ID	'-1'
EBS_RESP_APPL_ID	'-1'
EBS_SEC_GROUP_ID	'-1'
EBS_RESP_NAME	'-1'

Execution Precedence

No execution precedence setting was made

Results

Variable	Value
OLTP_EBS_RESP_ID	53508.0
OLTP_EBS_RESP_APPL_ID	800.0
OLTP_EBS_SEC_GROUP_ID	0.0
OLTP_EBS_RESP_NAME	MBC BI HR Dashboard Workforce
OLTP_EBS_USER_ID	28239.0
OLTP_EBS_EMPLOYEE_ID	59356.0
EBS_RESP_ID	53508.0
EBS_RESP_APPL_ID	800.0
EBS_SEC_GROUP_ID	0.0
EBS_RESP_NAME	MBC BI HR Dashboard Workforce
EBS_USER_ID	28239.0
EBS_EMPLOYEE_ID	59356.0
USER	INCORREZ
ROLES	MBC BI HR Dashboard Workforce

[Edit Data Target...](#)

Close

8. EBS Single Sign-on Integration

Session Variable Initialization Block - EBS Single Sign-on Integration

Name:

☐ Disabled ☐ Allow deferred execution

Data Source

Connection Pool: [Edit Data Source...](#)

Database: Oracle 11g (Initialization string inherited from Default Initializer)

```
select
case when
  'VALUEOF(NQ_SESSION.ICX_SESSION_COOKIE)' is null then 'Not Integrated'
else 'Integrated'
end
from dual
```

Variable Target

Name

☐ EBS_SSO_INTEGRATION_MODE

Results

Variable	Value
EBS_SSO_INTEGRATION	Integrated

[Close](#) [Edit Data Target...](#)

Execution Precedence

No execution precedence setting was made

[Edit Execution Precedence...](#)

☐ Required for authentication

Description

Determines if the session is an integrated SSO session from Oracle EBS. The name of the session vari

[Test...](#) [OK](#) [Cancel](#) [Help](#)

9. Upload RPD and Restart All the Service

6. Security Configuration

6.1. Introduction

The integration of EBS and OBIEE allows mapping the responsibilities of the user and apply them to grant security permissions in the BI platform.

Security has been defined at 2 levels for this project:

- **Catalog security:** Defines the dashboard pages that a user can access.
- **Data security:** Defines the data that a user can see.

In both cases, the security application roles of OBIEE are mapped to EBS responsibilities. Each user should be assigned 2 responsibilities in EBS, one to define the Catalog Security and one to define the Data Security.

6.2. Mapping between EBS Responsibilities and OBIEE Application Roles

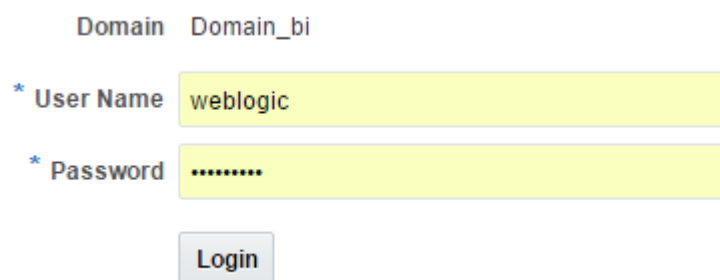
OBIEE has been configured to retrieve the list of EBS responsibilities of a user when it logs into the BI. In order to apply security rules in the BI, these EBS responsibilities are mapped to OBIEE application roles. In order for this mapping to happen **the name of the EBS responsibility and the name of the OBIEE application role have to be the same.**

6.2.1. Creating OBIEE Application Roles

Follow this steps to create an OBIEE application role that will be mapped to an EBS responsibility.

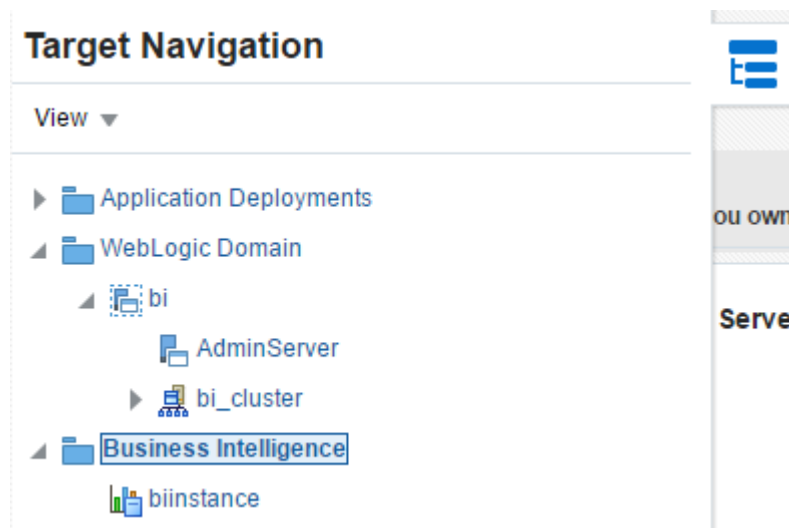
1. Log into Weblogic Enterprise Manager with an administrator user:

- Test: <http://10.10.131.21:9709/em>
- Production: <http://10.10.131.23:9500/em>

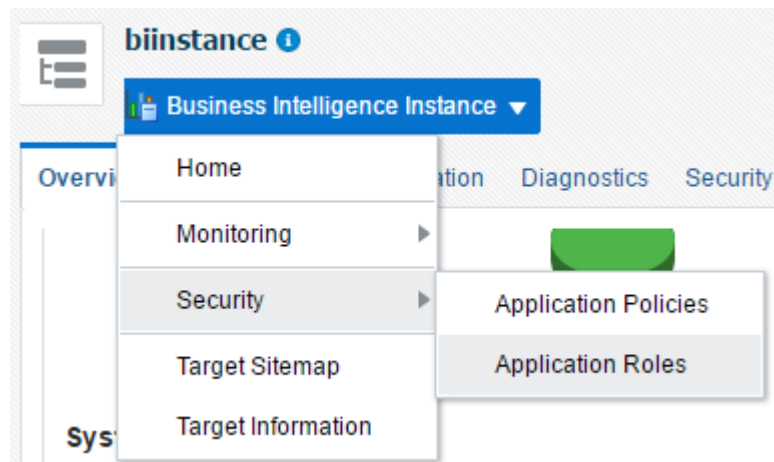


The image shows a login form for Weblogic Enterprise Manager. At the top, there are two tabs: 'Domain' and 'Domain_bi'. Below the tabs, there are two input fields: '* User Name' with the value 'weblogic' and '* Password' with masked characters '*****'. A 'Login' button is located below the password field.

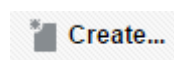
2. Open the *Target Navigation* menu and select **Business Intelligence** → *biinstance*:



3. Show the **Business Intelligence Instance** menu and select **Security** → **Application Roles**:



4. Click on the **Create** button:



5. Enter the Application Role details:

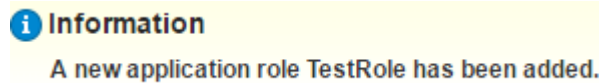
Application Stripe obi

* Role Name	TestRole
Display Name	Test Role
Description	Application Role created for test

6. Click on the **OK** button:



7. A pop-up message will confirm that the new Application Role has been created:



6.3. Catalog Security

6.3.1. Defined EBS Responsibilities

The following mapping between EBS Responsibilities and OBIEE Catalog elements has been defined for this project based on the requirements of the involved parties:


	Dashboard	Management Dashboard			Human Resources Dashboard					
	Dashboard Page	Finance	Procurement	Human Resources	Workforce	Recruitment	Learning	Payroll	Leaves	Time and Attendance
Oracle EBS Responsibility	MBC BI Management Dashboard	Y	Y	Y						
	MBC BI HR Dashboard				Y	Y	Y	Y	Y	Y
	MBC BI HR Dashboard Workforce				Y					
	MBC BI HR Dashboard Recruitment					Y				
	MBC BI HR Dashboard Learning						Y			
	MBC BI HR Dashboard Payroll							Y		
	MBC BI HR Dashboard LTA								Y	Y

6.3.2. Applying New Catalog Security Rules

In order to apply new security rules at the OBIEE Catalog level, please, make sure to first create the required Application Roles as explained in section 6.2.1. Once this is done, follow these steps to apply the security:

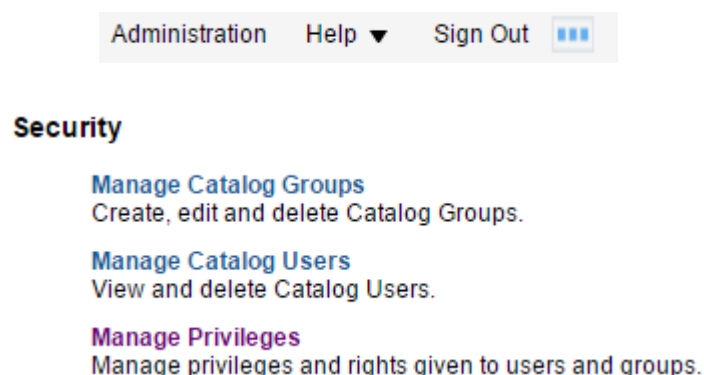
1. Log into OBIEE Analytics with an administrator user:

- Test: <http://10.10.131.21:9702/analytics>
- Production: <http://10.10.131.23:9502/analytics>



The image shows the 'Sign In' form for OBIEE Analytics. It has a title 'Sign In' in blue. Below it is the instruction 'Enter your user id and password.' There are two input fields: 'User ID' with the text 'weblogic' and 'Password' with masked characters '.....'. A 'Sign In' button is at the bottom.

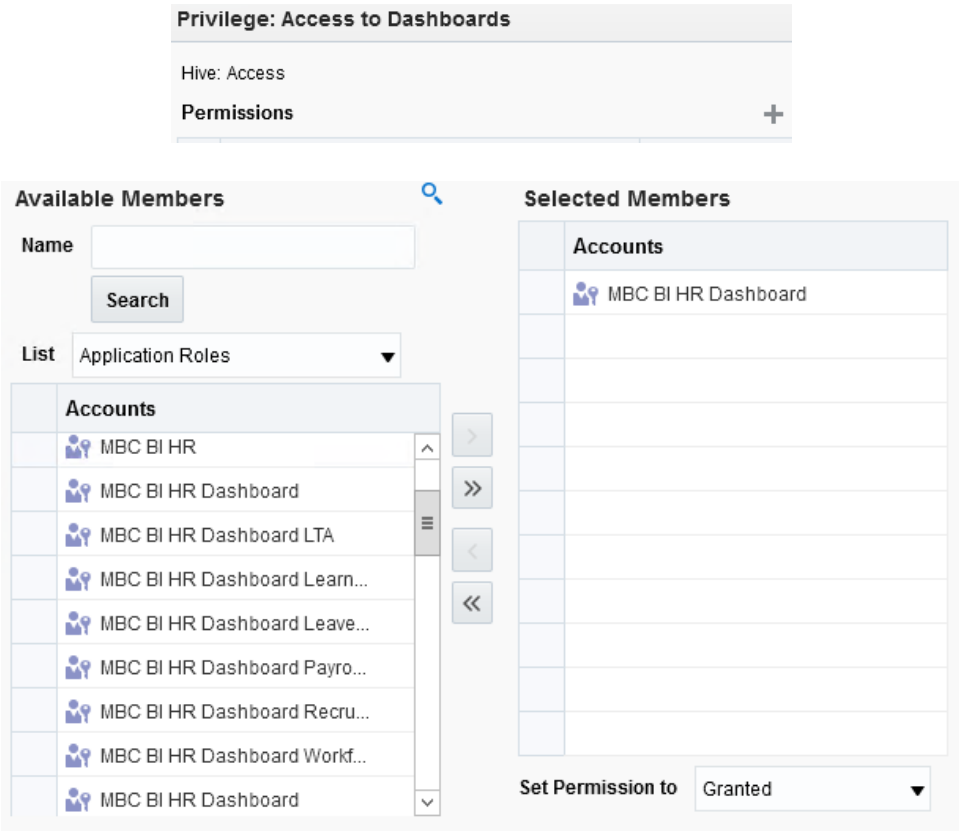
2. Open the **Administration** menu on the top-right corner and select the option **Security** → **Manage Privileges**:



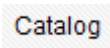
3. Grant the following permissions to the Application Role:

- Access → Access to Dashboards
- Access → Access to Answers
- Access → Access to Export
- Catalog → Personal Storage
- Home and Header → Access Home Page
- Home and Header → New Menu
- Home and Header → Dashboards Menu
- Home and Header → My Account Link
- My Account → Access to My Account
- My Account → Change Preferences

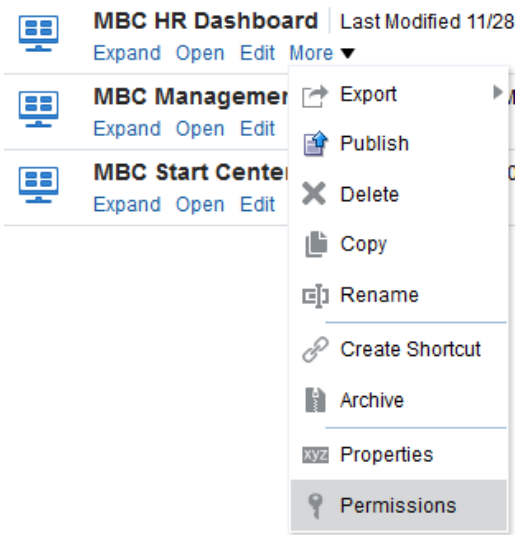
For this, click on the members of the corresponding **Privilege**, click on the **plus sign** button, **Search** the new application role, move it to selected members and click **OK** button:



4. Go back to the catalog by clicking on the *Catalog* button:



5. For each element of the catalog (Dashboards and Analyses) that you want this new Application Role to access, set the permission. For this, on each element click on *More* and select *Permissions*:



6. Click on the **plus-sign** button, **Search** for the Application Role, move it to the **Selected Members** column, set the permission to **Open** and click **OK**:

Location: /Shared Folders/MBC Human Capital Management/Dashboards/MBC HR Dashboard

Available Members

Name

Search

List Application Roles ▼

Accounts
MBC BI HR
MBC BI HR Dashboard
MBC BI HR Dashboard LTA
MBC BI HR Dashboard Learning
MBC BI HR Dashboard Leaves And T
MBC BI HR Dashboard Payroll
MBC BI HR Dashboard Recruitment
MBC BI HR Dashboard Workforce
MBC BI HR Dashboard

Selected Members

Accounts
MBC BI HR

Set Permission to Open ▼

OK **Cancel**

7. Repeat this last step for all required elements of the OBIEE Catalog.

6.4. Data Security

6.4.1. Defined EBS Responsibilities

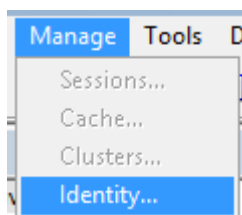
The following mapping between EBS Responsibilities and OBIEE Data Filters has been defined for this project based on the requirements of the involved parties:

	Dashboard	Management Dashboard				Human Resources Dashboard	
	Logical Table	Dim - MBC Organization Hierarchy			Dim - MBC Company	Dim - MBC Organization Hierarchy	Dim - MBC Company
	Logical Column	Business Unit Name	Directorate Name	Department Name	Company Name	Business Unit Name	Company Name
Oracle EBS Responsibility	MBC BI Management Tech Ops	MBC - Dubai	Group Techicall Operations	All	All		
	MBC BI Management Tech Ops - ERP	MBC - Dubai	Group Techicall Operations	Tech Ops - ERP	All		
	MBC BI Management Tech Ops - Sudio City	MBC - Dubai	Group Techicall Operations	Tech Ops - MBC Studio City	All		
	MBC BI Management Tech Ops - MBPM	MBC - Dubai	Group Techicall Operations	Tech Ops - Media Business Process Mgmt	All		
	MBC BI Management Tech Ops - Admin	MBC - Dubai	Group Techicall Operations	Tech Ops – Admin	All		
	MBC BI Management Tech Ops - Broadcast	MBC - Dubai	Group Techicall Operations	Tech Ops – Broadcast	All		
	MBC BI Management Tech Ops - Facilities	MBC - Dubai	Group Techicall Operations	Tech Ops – Facilities	All		
	MBC BI Management Tech Ops - IT	MBC - Dubai	Group Techicall Operations	Tech Ops – IT	All		
	MBC BI Management Tech Ops - Library	MBC - Dubai	Group Techicall Operations	Tech Ops – Library	All		
	MBC BI Management Tech Ops - MCR	MBC - Dubai	Group Techicall Operations	Tech Ops – MCR	All		
	MBC BI Management Tech Ops - Transmission	MBC - Dubai	Group Techicall Operations	Tech Ops – Transmission	All		
	MBC BI Management Tech Ops - Web Development	MBC - Dubai	Group Techicall Operations	Web Development	All		
	MBC BI Management Tech Ops - Engineering FD	MBC - Dubai	Group Techicall Operations	Engineering - Front Office Desk	All		
	MBC BI Management Tech Ops - Transmission - AA	MBC - Dubai	Group Techicall Operations	Tech Ops – Transmission	Al Arabiya		
	MBC BI Management HR	MBC - Dubai	Group Human Resources	All	All		
	MBC BI HR					All	All
	MBC BI HR Dubai					MBC - Dubai	All
	MBC BI HR Egypt					MBC - Egypt	All
	MBC BI HR Jordan					MBC - Jordan	All
	MBC BI HR Lebanon					MBC - Lebanon	All
	MBC BI HR Saudi					MBC - Saudi	All
	MBC BI HR UK					MBC - UK	All
	MBC BI HR Egypt - O3					MBC - Egypt	O3 Masr, O3 Productions
	MBC BI HR Egypt - MBC Egypt					MBC - Egypt	MBC Egypt

6.4.2. Applying New Data Filter Security Rules

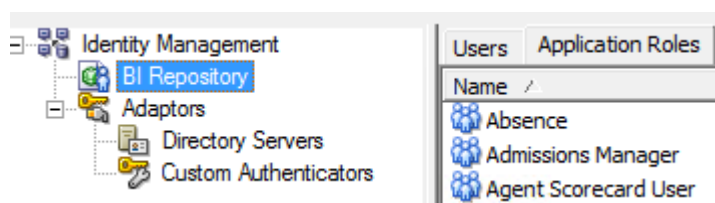
In order to apply new security rules at the OBIEE Data Filter level, please, make sure to first create the required Application Roles as explained in section 6.2.1. Once this is done, follow these steps to apply the security:

1. Open the OBIEE Repository (RPD file) in **Offline Mode**, open the **Manage** menu and select **Identity...**:



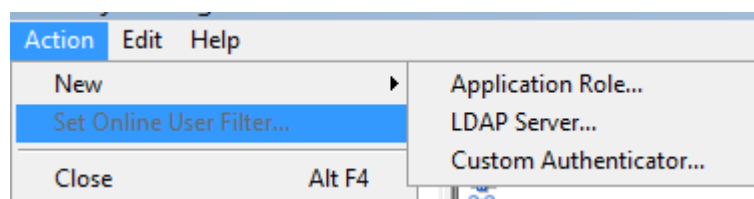
***NOTE:** Editing the RPD online, especially in OBIEE 12c, can lead to important issues in the BI application. It is therefore highly recommended to always work on offline mode.

2. Select **BI Repository** and go to the **Application Roles** tab:



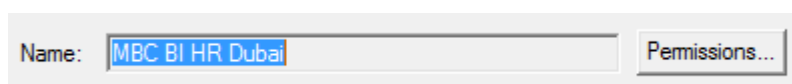
3. As we are editing the RPD in offline mode, it is possible that the new Application Role is not displayed in the list.

To solve this, click on the **Action** menu and select **New... → Application Role...**:



Enter the Application Role details as explained in section 6.2.1.


4. Double-click on the Application Role and select **Permissions...**:



5. Select the **Data Filters** tab and click on the **plus-sign** button to add a new filter:

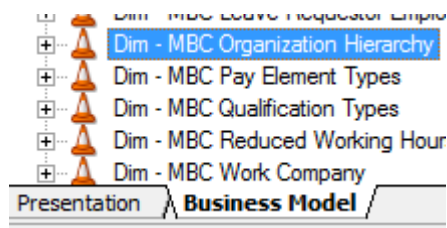
Object Permissions | **Data Filters** | Query Limits

Data filters can be set here on logical and presentation layer objects. Applying filter on object. Filters set on presentation objects will be applied in addition to the ones applied

Subject Area: Total Filters: 0 

Type	Layer	Name	Status
Click here to add an object and set filter			

- On the new window, select the **Business Model** tab, open the **Core** model and select the **Dimension** you want to filter:



- Once the new line is added, click on the **Calculator** button (Edit Expression) and **insert the filter expression** you want to apply:

Expression Builder - Security Filter

Category: Logical Tables

Logical Tables:

- Dim - MBC Organization Hierarchy
- Dim - MBC Company
- Dim - MBC Work Company

Find: Dim - MBC

Columns:

- Business Unit Id
- Business Unit Name
- Directorate Id
- Directorate Name
- Department Id
- Department Name
- Division Id
- Division Name
- Employee Number
- First Name

Find:

☐ Sort Panes

"Core", "Dim - MBC Organization Hierarchy", "Business Unit Name" = "MBC - Dubai"

+ - * / || () > < = <= >= <> AND OR NOT , Undo

OK Cancel Help

"Core", "Dim - MBC Organization Hierarchy", "Business Unit Name"

- Repeat the previous step for as many filters as required.
- Once all filters are applied, save the RPD and upload it to the BI server.